



PTO/SB/08A (08-03)

Substitute for form 1449A/PTO		Complete if Known			
		Application Number	10/797,893		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	March 9, 2004		
		First Named Inventor	Beraud, Christophe		
		Art Unit	1642 1652		
		Examiner Name	NOT YET ASSIGNED Monshifoun		
Sheet	1	of	3	Attorney Docket Number	020552-004921US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
R.R.	A1	US-6,207,403 B1	03-2001	Goldstein et al.	
R.R.	A2	US-6,387,644 B1	05-14-2002	Beraud	
R.R.	A3	US-6,410,254	08-25-2002	Finer et al.	
	A4				

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	B1	PCT	WO 98/37197		08-27-1998			<input type="checkbox"/>
	B2	PCT	WO 99/13061	A1	03-18-1999			<input type="checkbox"/>
	B3	PCT	WO 00/63353		10-26-2000			

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Adams et al., "pavarotti encodes a kinesin-like protein require to organize the central spindle and contractile ring for cytokinesis," <i>Genes & Development</i> , 12:1483-1494 (1998).	
	C2	Aizawa et al., "Kinesin Family in Murine Central Nervous System," <i>Journal of Cell Biology</i> , 119:1287-1296 (1992).	
	C3	Blangy et al., "Phosphorylation by p34cdc ² Regulates Spindle Association of Human Eg5, a Kinesin-Related Motor Essential for Bipolar Spindle Formation in Vivo," <i>Cell</i> , 83:1159-1169 (1995).	
	C4	Cole et al., "A 'Slow' Homotetrameric Kinesin-related Motor Protein Purified from <i>Drosophila</i> Embryos," <i>Journal of Biological Chemistry</i> , 269(37):22913-22916 (1994).	
	C5	Crevel et al., "Kinetic evidence for low chemical processivity in ncd and Eg5," <i>J. Mol. Biol.</i> , 273:160-170 (1997).	
	C6	Debernardi et al., "Identification of a Novel Human Kinesin Related Gene (HK2) by the cDNA Differential Display Technique" <i>Genomics</i> , 1997, pp. 67-73, Vol. 42.	
	C7	Desai et al., "Kin I Kinesins Are Microtubule-Destabilizing Enzymes," <i>Cell</i> , 96:69-78 (1999).	
re. re.	C8	GenBank Accession No. D38751, Direct Submission, Jun., 2000.	
	C9	GenBank Accession No. Q14807, Nov. 1996	
	C10	Kim et al., "Cloning and expression of human mitotic centromere-associated kinesin gene," <i>Biochimica et Biophysica Acta</i> , 1359:181-186 (1997).	
	C11	Kuriyama et al., "Heterogeneity and microtubule interaction of the CHO1 antigen, a mitosis-specific kinesinlike protein," <i>Journal of Cell Science</i> , 107:3485-3499 (1994).	
	C12	LeGuellec et al., "Cloning by Differential Screening of a <i>Xenopus</i> cDNA That Encodes," <i>Molecular and Cellular Biology</i> , 11(6):3395-3398 (1991).	
	C13	Lockhart et al., "Kinetics and Motility of the Eg5 Microtubules Motor," <i>Biochemistry</i> , 35:2365-2373 (1996).	
re. re.	C14	Nakagawa, et al. "Identification and classification of 16 new kinesin superfamily (KIF) protein in mouse genome". <i>Proc. Natl. Acad. Sci. U.S.A.</i> 1997, pp.9654-9659, Vol. 94, No. 18.	
	C15	Nislow et al., "A plus-end-directed motor enzyme that moves antiparallel microtubules <i>in vitro</i> localizes to the interzone of mitotic spindles," <i>Nature</i> , 359:543-547 (1992).	
	C16	Noda et al., "KIF2 Is a New Microtubule-based Anterograde Motor That Transports Membranous Organelles Distinct from Those Carried by a Kinesin Heavy Chain or KIF3A/B," <i>Journal of Cell Biology</i> , 129:157-167 (1995).	

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	C17	Okada et al, "A Processive Single-Headed Motor: Kinesin Superfamily Protein K1 F1A," <i>Science</i> , 283:1152-1157 (1999).	
	C18	Pierce et al. "Imaging individual green fluorescent proteins" <i>Nature</i> , 1997, pp. 338, Vol. 388, No. 6640.	
	C19	Raich et al, "Cytokinesis and Midzone Microtubule Organization in <i>Caenorhabditis elegans</i> Require the Kinesin-like Protein ZEN-4," <i>Molecular Biology of the Cell</i> , 9:2037-2049 (1998).	
	C20	Sawin et al, "Mitotic spindle organization by a plus-end-directed microtubule motor," <i>Nature</i> , 359:540-543 (1992).	
	C21	Sekine et al., "A Novel Microtubule-based Motor Protein (KIF4) for Organelle Transports, Whose Expression is Regulated Developmentally," <i>Journal of Cell Biology</i> , 127(1):187-201 (1994).	
	C22	Thrower et al, "Mitotic HeLa cells contain a CENP-associated minus end-directed microtubule motor," <i>EMBO</i> , 14(5):918-926 (1995).	
e.e.	C23	Tokai et al. "Kid, a novel kinesin-like DNA binding protein, is localized to chromosomes and the mitotic spindle" <i>EMBO J.</i> , 1996, pp.457-467, Vol. 15, No. 3.	
	C24	Vale et al., "Direct observation of single kinesin molecules moving along microtubules," <i>Nature</i> , 380:451-453 (1996).	
	C25	Walczak et al. "XKCM1: A Xenopus Kinesin-Related Protein That Regulates Microtubule Dynamics during Mitotic Spindle Assembly" <i>Cell</i> , 1996, pp. 37-47, Vol. 84.	
	C26	Wang et al., "Chromokinesin: a DNA-binding, Kinesin-like Nuclear Protein," <i>Journal of Cell Biology</i> , 128(5):761-768 (1995).	
	C27	Whitehead et al., "The Spindle Kinesin-Like Protein HsEg5 Is An Autoantigen in Systemic Lupus Erythematosus," <i>Arthritis & Rheumatism</i> , 39(10):1635-1642 (1996).	
	C28	Wood et al., "CENP-E Is a Plus End-Directed Kinetochore Motor Required for Metaphase Chromosome Alignment," <i>Cell</i> , 91:357-366 (1997).	
	C29	Wordeman et al., "Identification and Partial Characterization of Mitotic Centromere-associated Kinesin, a Kinesin-related Protein That Associates with Centromeres during Mitosis," <i>Journal of Cell Biology</i> , 128(1 & 2):95-105 (1995).	
	C30	Yen et al., "CENP-E is a putative kinetochore motor that accumulates just before mitosis," <i>Nature</i> , 359:586-589 (1992).	

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